

SEQUENCE LISTING

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<120> COMPOSITIONS AND METHODS FOR OPTIMIZING
CLEFTAGE OF RNA BY RNAse H

<130> CORE0037USA

<150> PCT/US2005/008428

<151> 2005-03-15

<150> 60/609,516

<151> 2004-09-13

<150> 60/567,016

<151> 2004-04-29

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16, 18, 19

<223> Bases at these positions are RNA

<400> 14

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21

<210> 15

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<222> 4

<223> N = tetrafluoroindole

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<222> 5

<223> N = tetrafluoroindole

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<210> 17

<211> 20

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<222> 5

<223> N = N-3-methyl-2'MOE-thymidine

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<223> N = tetrafluoroindole

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<223> N = tetrafluoroindole

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<223> N = tetrafluoroindole

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 <223> N = tetrafluoroindole

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 2'-fluorothymidine or 2-thiouridine or
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 2'-fluorothymidine or 2-thiouridine or
 2'-S-methylthymidine or 4'-methylthymidine or
 3'-methylthymidine

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 ctacgctntc cacgcacagt 20

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 2'-fluorothymidine or 2-thiouridine or
 2'-S-methylthymidine or 4'-methylthymidine or
 3'-methylthymidine or abasic nucleotide or 2,4-F-tolyl

<400> 31
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<210> 32
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 <223> 2'-ara-fluorocytidine or abasic nucleotide or
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 linker or adenine with pentyl linker or
 tetrahydrofuran or 4-Me-ben

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 linker or cytidine with butyl linker or cytidine
 with pentyl linker

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 2,3,4,5-tetraflourophenyl

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 2,3,4,5-tetraflourophenyl

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<400> 46
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